



City of Shoreline

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STATE ENVIRONMENTAL POLICY ACT (SEPA) ENVIRONMENTAL CHECKLIST

Purpose of Checklist:

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement (EIS) will be prepared to further analyze the proposal.

Instructions for Applicants:

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Use of Checklist for nonproject proposals:

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D). Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements—that do not contribute meaningfully to the analysis of the proposal.

DEC 30 2015

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A. BACKGROUND

1. Name of proposed project, if applicable:

A 5-year Coverage for Surface Water's Operation and Maintenance of surface water management sites with the City of Shoreline.

2. Name of applicant:

City of Shoreline

3. Address and phone number of applicant and contact person:

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City of Shoreline, Public Works
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206-801-2453**

4. Date checklist prepared:

December 30, 2015

5. Agency requesting checklist:

City of Shoreline and Washington Department of Fish and Wildlife

6. Proposed timing or schedule (including phasing, if applicable):

Work to begin summer of 2016 and permit expires 2020. Annual start date is July 1st and work would cease by October 15th for Puget Sound tributaries and September 30th for Lake Washington tributaries.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

No.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

Not applicable.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

No.

10. List any government approvals or permits that will be needed for your proposal, if known.

Washington State Department of Fish and Wildlife Hydraulic Permit Approval (HPA).

11. Give a brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe

certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description).

The 5-year operation and maintenance actions vary between sites. Sites are located across the City. Typical actions include trimming of vegetation around surface water control devices, cleaning off trash racks, general repair and maintenance of stormwater structures, and removal of accumulated sediments.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

All work shall be contained within the boundaries of Shoreline, WA.

B. ENVIRONMENTAL ELEMENTS

1. Earth

- a. General description of the site

(circle one): Flat, rolling, hilly, steep slopes, mountainous, other: _____

- b. What is the steepest slope on the site (approximate percent of slope)?

Approximately 45% at site MC-1. All other sites slopes less than 30%.

- c. What general types of soils are found on the site (for example clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils.

Predominant types of soils found across the city include: Everett gravelly sandy loam, and Alderwood gravelly sandy loam. Other soils present, typically at 4% of area or less, include: Carbondale muck, Norma fine sandy loam, Kitsap silt loam, and Rifle peat.

- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so describe.

No.

- e. Describe the purpose, type, total area, approximate quantities, and total affected area of any filling, excavation, and grading proposed. Indicate source of fill.

None proposed.

- f. Could erosion occur as a result of clearing, construction, or use? If so generally describe.

The type of erosion would be from rain on exposed soil surfaces. BMPs will be in place to minimize erosion.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

Not applicable.

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

To prevent erosion from occurring within the project area, maintenance will be carried out during the dry season. If rain occurs, any exposed soils that could erode and deliver sediment to the stream will be covered (straw mulched). BMPs will be employed to maintain minimal amounts of erosion.

2. Air

a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known.

Normal emissions from use of backhoe, delivery trucks of material, gas powered water pump (5hp), and use of small hand held gas powered equipment.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

No

c. Proposed measures to reduce or control emissions or other impacts to air if any:

Required emission control on all vehicles and fossil-fuel devices.

3. Water

a. **Surface:**

1) Is there any surface water body on or in the immediate vicinity of the site (including year round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

Depending on the location requiring maintenance, it is possible that a site location may be near or on one of the following drainage basins:

Boeing Creek

Lyons Creek

McAleer Creek

Middle Puget Sound

Thornton Creek

West Lake Washington

2) Will the project require any work over, in, or adjacent to (within 200 feet) of the described waters? If yes, please describe and attach available plans.

Yes, the project requires work over, in, and adjacent to streams and water bodies.

3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

No fill is proposed.

4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

Within the project area there may be locations which require withdrawals or diversions. Withdrawals and diversions are setup for maintenance projects as a BMP for water quality. These practices are necessary to maintain good site management as well as keeping stormwater facilities and related water bodies in safe operation. Quantities are based upon an individual maintenance item.

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

Depending on the location, a maintenance item may fall within a 100 year floodplain. Thornton Creek and Boeing Creek are the only basins within the City of Shoreline with a floodplain map.

6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

No.

b. Ground:

1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose and approximate quantities if known.

No.

2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals . . .; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

Not applicable.

c. Water Runoff (including storm water):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

The project action is to maintain and operate our storm water management system as it flows into Puget Sound or Lake Washington.

2) Could waste materials enter ground or surface waters? If so, generally describe.

Yes, but BMPs will be employed to monitor for possible accidental discharges and method of response if needed.

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any:

Appropriate BMPs will be employed to protect surface and ground water impacts. Examples of BMPs to be employed include diversion of stream flow around the work site, no discharge of petroleum products, a spill kit will be made available to respond to minor accidental petroleum product spills, exposed soils will be protected from erosive forces through use of straw mulch, erosion matting or other similar covers.

4. Plants

a. Check or circle types of vegetation found on the site:

- ☒ deciduous tree: alder, maple, aspen, other
- ☒ evergreen tree: fir, cedar, pine, other
- ☒ shrubs
- ☒ grass
- ☐ pasture
- ☐ crop or grain
- ☐ Orchards, vineyards or other permanent crops
- ☒ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
- ☐ water plants: water lily, eelgrass, milfoil, other
- ☐ other types of vegetation

b. What kind and amount of vegetation will be removed or altered?

Vegetation will be controlled through use of cutting by mower or hand and in most instances the cuttings will be raked and removed.

c. List threatened and endangered species known to be on or near the site.

None known.

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

Depending on the maintenance item, native plants will be used to revegetate an area.

5. Animals

a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site:

Examples include:

Birds: **hawk, heron, eagle, songbirds**, other: _____
Mammals: deer, bear, elk, **beaver**, other: **coyote** _____
Fish: bass, **salmon, trout**, herring, shellfish, other: _____

b. List any threatened or endangered species known to be on or near the site.

None known.

- c. Is the site part of a migration route? If so explain.

Historically, salmonids used the streams for rearing, spawning, and migration purposes. This use is currently observed in McAleer Creek and the lower section of Boeing Creek. Ballinger Creek supports cutthroat trout but little is known of their current use. Thornton Creek has been known to support this salmonid use within recent times downstream and outside of the City limits. For more details, see City of Shoreline 2011 Surface Water Master Plan, the 2015 McAleer Creek Basin Plan, the 2015 Lyon Creek Basin Plan, and the 2009 Thornton Creek Basin Plan.

- d. Proposed measures to preserve or enhance wildlife, if any:

No direct measures are proposed other than use of appropriate BMPs that protect water quality.

- e. List any invasive animal species known to be on or near the site.

Known invasive animals in King County include: New Zealand mudsnail, Nutria, American bullfrog, European Starling, House Sparrow, Eastern gray squirrel and fox squirrel, Domestic cats

6. Energy and Natural Resources

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

Primarily gasoline and diesel will be used during construction of the project to power construction equipment.

- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

No.

- c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

None.

7. Environmental Health

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so describe.

Accidental spill of small quantities of diesel or gasoline could occur as a result of this project. BMPs will be in place to minimize and eliminate impacts.

- 1) Describe any known or possible contamination at the site from present or past uses.

None known.

- 2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.

The project area is the City of Shoreline; therefore, gas transmission pipelines could be located within the project area and in the vicinity.

- 3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.

None known.

- 4) Describe special emergency services that might be required.

No special emergency services will be required beyond the standard services provided by fire and police.

- 5) Proposed measures to reduce or control environmental health hazards, if any:

None.

b. Noise

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

None.

- 2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

Routine noise will be generated by the use of motorized equipment.

- 3) Proposed measures to reduce or control noise impacts, if any:

None.

8. Land and Shoreline Use

- a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe.

City of Shoreline contains a mix use of high density residential and commercial properties to low density residential and parks. The proposal will not affect current land uses.

- b. Has the site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use?

No.

- 1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how:

No.

- c. Describe any structures on the site.

None.

d. Will any structures be demolished? If so, what?

No.

e. What is the current zoning classification of the site?

Current zoning varies from R24, residential 24 units per acre to City owned Parks.

f. What is the current comprehensive plan designation of the site?

Varies.

g. If applicable, what is the current shoreline master program designation of the site?

Not applicable.

h. Has any part of the site been classified as a critical area by the city or county? If so, specify.

Yes. Some sites contain streams that would be classified as Type II, potential for salmonid fish use, under City of Shoreline Development Code.

i. Approximately how many people would reside or work in the completed project?

Not applicable.

j. Approximately how many people would the completed project displace?

Not applicable.

k. Proposed measures to avoid or reduce displacement impacts, if any:

Not applicable.

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

Not applicable.

m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any:

Not applicable.

9. Housing

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low income housing.

Not applicable.

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low income housing.

Not applicable.

c. Proposed measures to reduce or control housing impacts if any:

Not applicable.

10. Aesthetics

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

Not applicable.

b. What views in the immediate vicinity would be altered or obstructed?

None.

c. Proposed measures to reduce or control aesthetic impacts, if any:

None.

11. Light and Glare

a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

None anticipated.

b. Could light or glare from the finished project be a safety hazard or interfere with views?

No.

c. What existing off site sources of light or glare may affect your proposal?

Not applicable.

d. Proposed measures to reduce or control light and glare impacts if any:

Not applicable.

12. Recreation

a. What designated and informal recreational opportunities are in the immediate vicinity?

A few of the sites are located on City Park property.

b. Would the proposed project displace any existing recreational uses? If so, please describe.

No.

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

None.

13. Historic and Cultural Preservation

a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers known to be on or near the site? If so, specifically describe.

None known.

b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources.

None.

c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc.

None.

d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required.

None.

14. Transportation

a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any.

Varies.

b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop?

Yes, within ¼ mile.

c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?

Not applicable.

d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private).

No.

e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

No.

f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates?

Not applicable.

g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.

No.

g. Proposed measures to reduce or control transportation impacts, if any:

None.

15. Public Services

a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.

No.

b. Proposed measures to reduce or control direct impacts on public services, if any.

None.

16. Utilities

a. Circle utilities currently available at the site:

electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other _____

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

Not applicable.

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: Melissa Ivancovich

Name of signee: Melissa Ivancovich

Position and Agency/Organization: Surface Water Quality Specialist, City of Shoreline

Date Submitted: 01/06/15

D. supplemental sheet for nonproject actions

(IT IS NOT NECESSARY to use this sheet for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

This proposal is unlikely to affect increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise due to the fact that maintenance activities are repairing structures or facilities in need of work.

Proposed measures to avoid or reduce such increases are:

Measures include abiding by the 2012 Stormwater Management Manual for Western Washington and Regional Road Forum best management practices for maintenance activities. By following these BMPs, the City will ensure impacts are kept to a minimum.

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

This proposal is unlikely to affect plants, animals, fish, or marine life any different than what is currently observed as the proposal is for maintenance activities.

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

Measures include abiding by the 2012 Stormwater Management Manual for Western Washington and Regional Road Forum best management practices for maintenance activities. By following these BMPs, the City will ensure impacts are kept to a minimum.

3. How would the proposal be likely to deplete energy or natural resources?

This proposal is unlikely to affect energy or natural resources as the proposal is for maintenance activities, other than the energy and natural resources required to complete the job e.g. fuel for trucks.

Proposed measures to protect or conserve energy and natural resources are:

Minimizing driving and idling, using native soils as backfill when appropriate.

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

The proposal will likely use but unlikely to affect environmentally sensitive areas more than current levels as the proposal is for maintenance activities.

Proposed measures to protect such resources or to avoid or reduce impacts are:

Measures include abiding by the 2012 Stormwater Management Manual for Western Washington, working within appropriate 'fish windows', working during predominantly dry weather and Regional Road Forum best management practices for maintenance activities. By following these BMPs, the City will ensure impacts are kept to a minimum.

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

The proposal is unlikely to affect environmentally land and shoreline use more than current levels as the proposal is for maintenance activities.

Proposed measures to avoid or reduce shoreline and land use impacts are:

Measures include abiding by the 2012 Stormwater Management Manual for Western Washington, working within appropriate 'fish windows', working during predominantly dry weather and Regional Road Forum best management practices for maintenance activities. By following these BMPs, the City will ensure impacts are kept to a minimum.

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

The proposal is unlikely to increase demands on transportation or public services and utilities use more than current levels as the proposal is for maintenance activities

Proposed measures to reduce or respond to such demand(s) are:

None. By conducting maintenance we keep or improve demands on transportation or public services and utilities relating to this proposal.

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.

This proposal seeks to work within local, state, or federal laws or requirements for the protection of the environment. There are no known conflicts with local, state, or federal laws or requirements for the protection of the environment with this proposal.